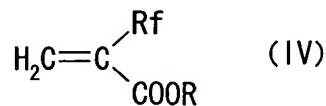


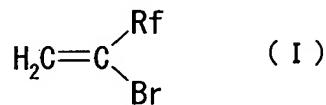
CLAIMS

(1) A process for producing a fluorine-containing acrylic acid ester represented by the general formula (IV):



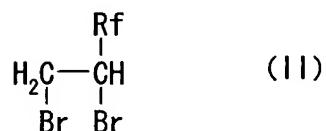
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(wherein, Rf represents a perfluoroalkyl group and R represents an unsubstituted or substituted alkyl group), characterized in that 1-bromo-1-perfluoroalkylethene represented by the general formula (I):

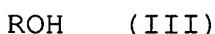


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(wherein Rf is as defined above), or 1,2-dibromo-1-perfluoroalkylethane represented by the general formula (II):



15 (wherein Rf is as defined above) is allowed to react with an alcohol represented by the general formula (III):



(wherein R is as defined above) in the presence of a palladium catalyst, carbon monoxide, and two or more kinds of bases.

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(2) The process according to claim 1, wherein at least one

kind from the bases is an inorganic base, an inorganic salt, or an organic metal.

(3) The process according to claim 1 or 2, wherein at least 5 one kind from the bases is amines.

(4) The process according to any one of claims 1 to 3, wherein the inorganic base, the inorganic salt, or the organic metal is used in such an amount that at least one kind has a 10 molar ratio of 0.001 to 1, relative to the compound represented by the general formula (I) or (II), or the amines is used in such an amount that it has a molar ratio of from 1 to large excess to the compound represented by the general formula (I) or (II).

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(5) The process according to any one of claims 1 to 4, wherein the alcohol is a straight, branched, or cyclic aliphatic alcohol.